

Abstract

A circuit board support rack for vibratory testing of printed circuit board comprises a frame and a board engagement platform fixed with respect to such frame. A board retention member is spaced from the engagement platform. The rack has a
5 first adjustment mechanism, e.g., rows of vertically-spaced apertures, any of which may receive a shoulder screw to thread to the retention member. Such first adjustment mechanism coacts with the frame and the retention member, thereby permitting selection of the dimension by which the engagement platform and the board retention member are spaced apart. The rack also has a second adjustment mechanism, e.g., a
10 plurality of screws threaded to the retention member. Each such screw has a notched locating pin coupled to it. Such second adjustment mechanism is mounted for locating-pin movement toward and away from the engagement platform. The first adjustment mechanism permits configuring the rack for the approximate vertical height of the boards to be tested and the second adjustment mechanism permits secure edge
15 clamping of each board as it is loaded into the rack for vibratory testing.

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